



STREETCAR STAKEHOLDERS CONSTRUCTION AND OPERATIONS UPDATE

November 17, 2015

RECENT DEVELOPMENTS

- Civil construction continued throughout October
 - Final trackwork completed at 2nd & Main Streets
 - Main St. paving completed
 - OCS adjustments, punch list work in OTR, MOF continued
- Cincinnati Streetcar #1175 (Unit #1) arrived in Cincinnati on Oct 30
 - Dead pull test conducted Nov 8
- Remaining vehicle production continues at CAF Elmira, NY plant
 - Unit #2 - routine testing
 - Unit #3 - routine testing
 - Units #4, 5 - assembly underway



CONSTRUCTION STATUS

Track:

- Complete



OCS:

- Complete



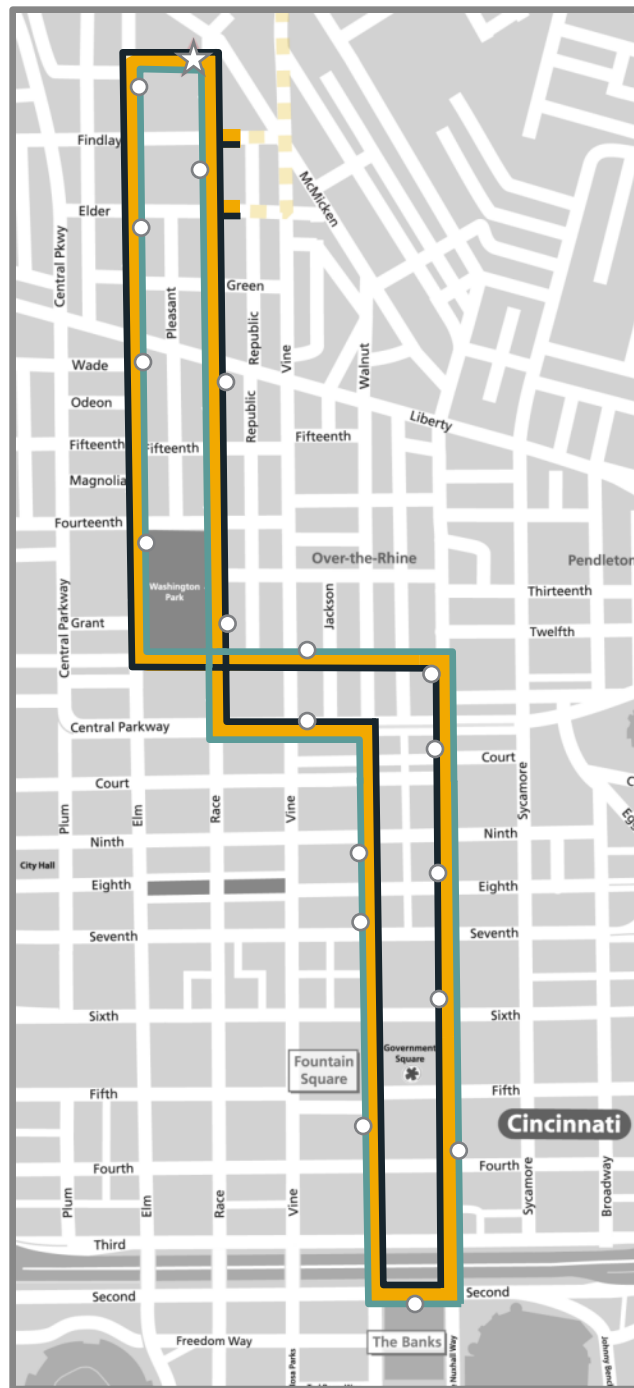
Paving:

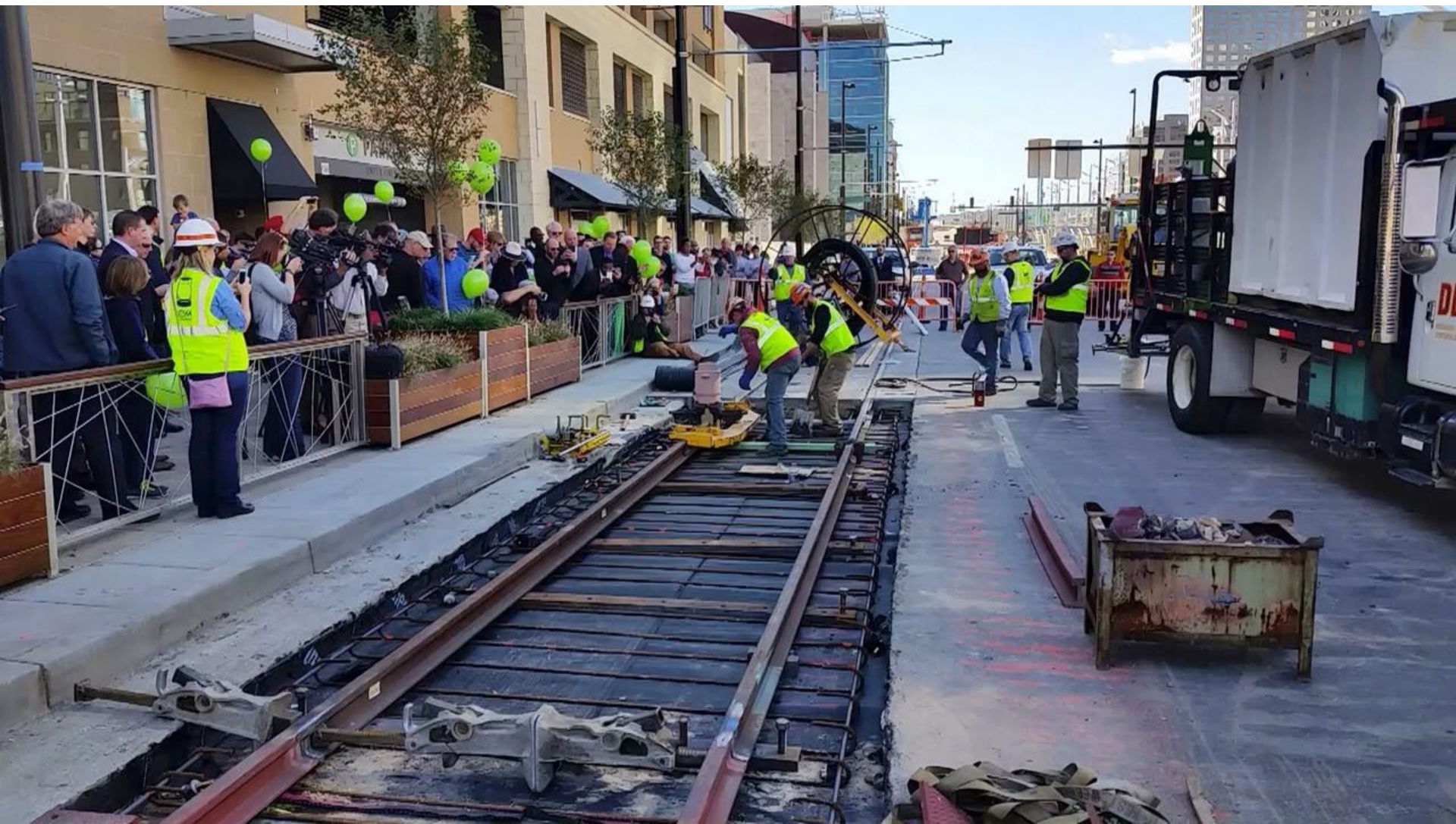
- Complete



Stops:

- Complete





VEHICLES

- FAI for first vehicle conducted Oct 13-15 in Elmira
- Cincinnati Streetcar #1175 authorized to ship on Oct 27, arrived in Cincinnati on October 30, 2015
 - Dead pull test conducted Nov 8
- Vehicle production and testing continues in Elmira
 - Unit #2 - testing underway
 - Unit #3 - testing underway
 - Unit #4 - carshell assembly complete , installations in progress
 - Unit #5 - some carshell assembly complete, repair required for carshell damage
- Initial shipments of spare parts have arrived at MOF
- CAF Warranty and Testing personnel onsite in Cincinnati
 - Post delivery tests and inspections underway

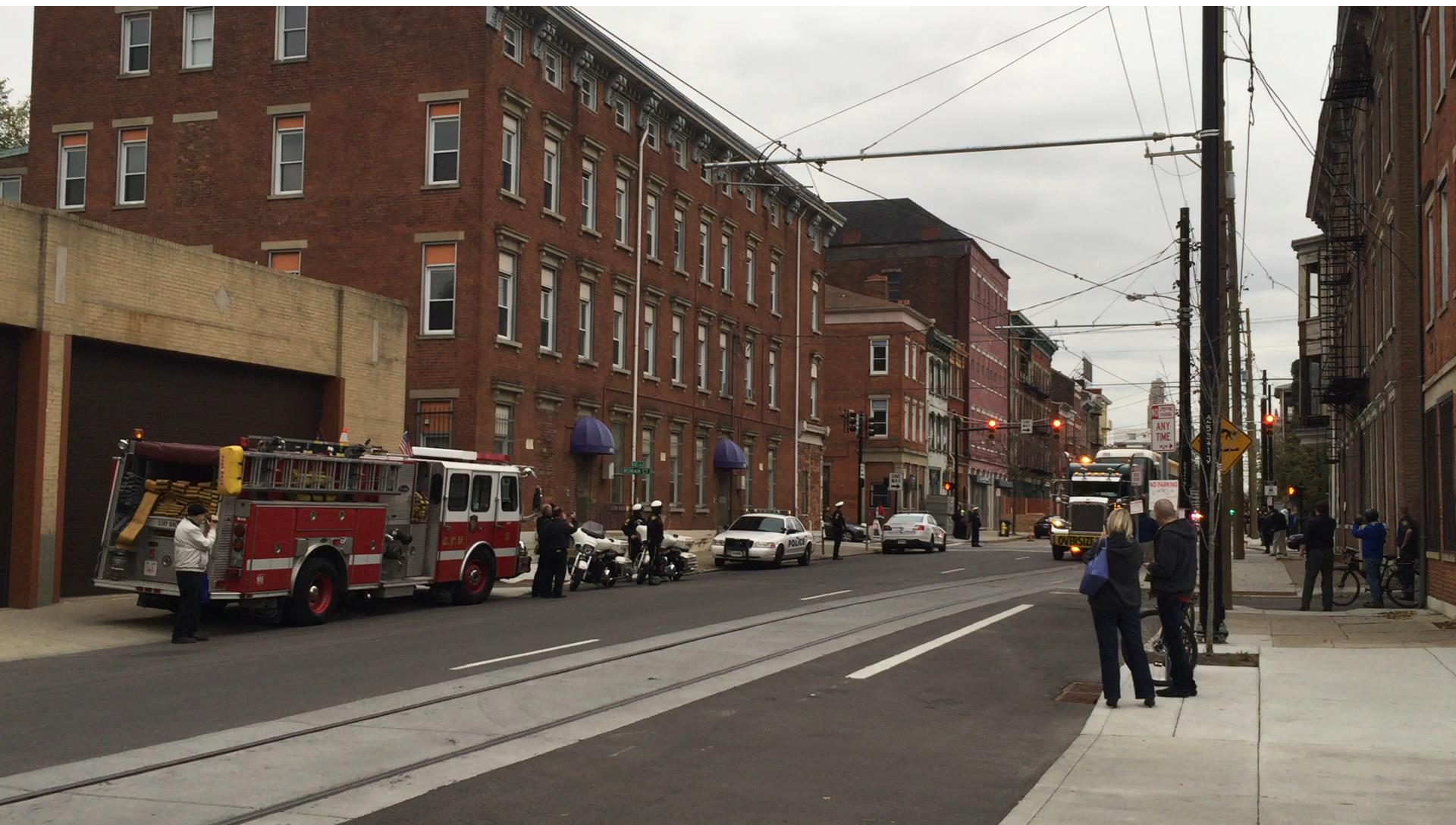








Photo credit: The Cincinnati Enquirer/Meg Vogel





PARK

PARK

THANK
YOU FOR
SHARING
THE ROAD

1175





First Lutheran Church
Worship Sundays 11am Join us

VEHICLES - SCHEDULE

- Post delivery testing and inspection underway on Unit #1
 - Dead car pull test conducted Nov 8 (whole route)
 - Live car pull test scheduled for Nov 11-12 (OTR only)
- Unit #2 anticipated arrival Nov 23, 2015
- CAF-projected dates for arrival of remaining vehicles:

Streetcar	Projected Arrival in Cincinnati
Unit #1	October 30, 2015 (Act.)
Unit #2	November 23, 2015
Unit #3	December 9, 2015
Unit #4	January 21, 2016
Unit #5	February 10, 2016

NEXT STEPS

- CONSTRUCTION
 - MPD completing remaining CBD construction items, punch list work
 - OCS work in CBD expected to be complete early December
 - OTR, MOF punch list work in progress
- VEHICLES
 - Unit #2 expected arrival Nov 23
 - CAF continues working to close remaining open vehicle items, remaining production activities
- TESTING
 - Remaining traction power, PID testing to commence following arrival of Unit #2
 - Vehicle testing on Unit #1 to continue Nov-Jan

NEXT STEPS

- SAFETY & SECURITY CERTIFICATION
 - City, SORTA sign off on certifiable elements, plans, and procedures
 - City departments preparing SOP's for operational responsibilities
- PRE-REVENUE SERVICE
 - Simulated revenue service
 - Operator training
- TURNOVER
 - Gradual process of turning over assets to SORTA for operations



Cincinnati Streetcar overhead wires- Testing is underway

The Cincinnati Streetcar team is testing the overhead contact system (OCS) that will provide electrical power for the streetcars.

The wires are located 20 feet above the street to prevent contact by anything other than the streetcar vehicles.

IMPORTANT: This is a high-voltage electrical system.

- For safety's sake, always assume that the electric is ON.
- Stay at least 10 feet away from the overhead streetcar wires.
- In case of emergency, call 911 immediately.

Doing maintenance near the streetcar OCS wires:

If you are doing maintenance or other activities (using ladders or lifts, utility work, etc.) near the streetcar OCS wires, you must obtain a Right-of-Way Permit from the City of Cincinnati.

To obtain a Right-of-Way permit from the city, contact:

DOT ROW Management Office
801 Plum St., Suite 425
Cincinnati, OH 45202
513-352-3463
513-352-5397 (fax)

Monday to Friday, 8 a.m. to 4 p.m.

Cincinnati Streetcar – Working Near Overhead Catenary Cable Request Form

Company Name _____

Location of Work _____

Permit Number (City Use) _____

1. Is Any Permit Work being applied for within the Figure 1-Vehicle and Power Envelope Attached, even for a moment? (Yes / No) – circle one

NOTE: If there are any questions about the process or permissible activities, the Permittee should contact Mike King, MPD, (513) 615-6715; mking@messer.com

Answer yes to this question if permit work within the envelope any construction activity, including installation, excavation, lay down, placement, repair, upgrade, maintenance, inspection or relocation of facilities, whether temporary or permanent; modification or alteration to any surface, subsurface, or aerial space. PAY SPECIAL CONSIDERATION TO LOCATION OF DELIVERIES, DUMPSTERS, AND LIFTS.

If the answer to Question 1 is Yes go to question 2, If No the form is complete.

2. If the answer to Question 1 is Yes, will the only violation of the Figure 1-Vehicle and Power Envelope be temporary passing through for work described above (e.g for deliveries)? (Yes / No) – circle one

Please fill out the remainder of this form. You will need a Track Access Permit prior to start of work.

Description of Work (Permittee):

Equipment being used near overhead cable (Permittee): _____

Contact Person (name, phone #, e-mail address) that will Responsible for Work in Envelope (Permittee):

3. Return this form to DOTE/ROW Management staff for processing with requested permit.

**** Note, NO WORK is permitted within 10' of the overhead catenary system (OCS). This line is energized/electrified and will not be shut down for work. ****

THIS SECTION TO BE COMPLETED AFTER WORK IS CLOSED OUT

Any Contact with Overhead Catenary While Work/Activity was Performed (MPD Use):

Permittee Called to Report Completion of Work/Activity (MPD Use):

Name: _____ Date/ Time: _____

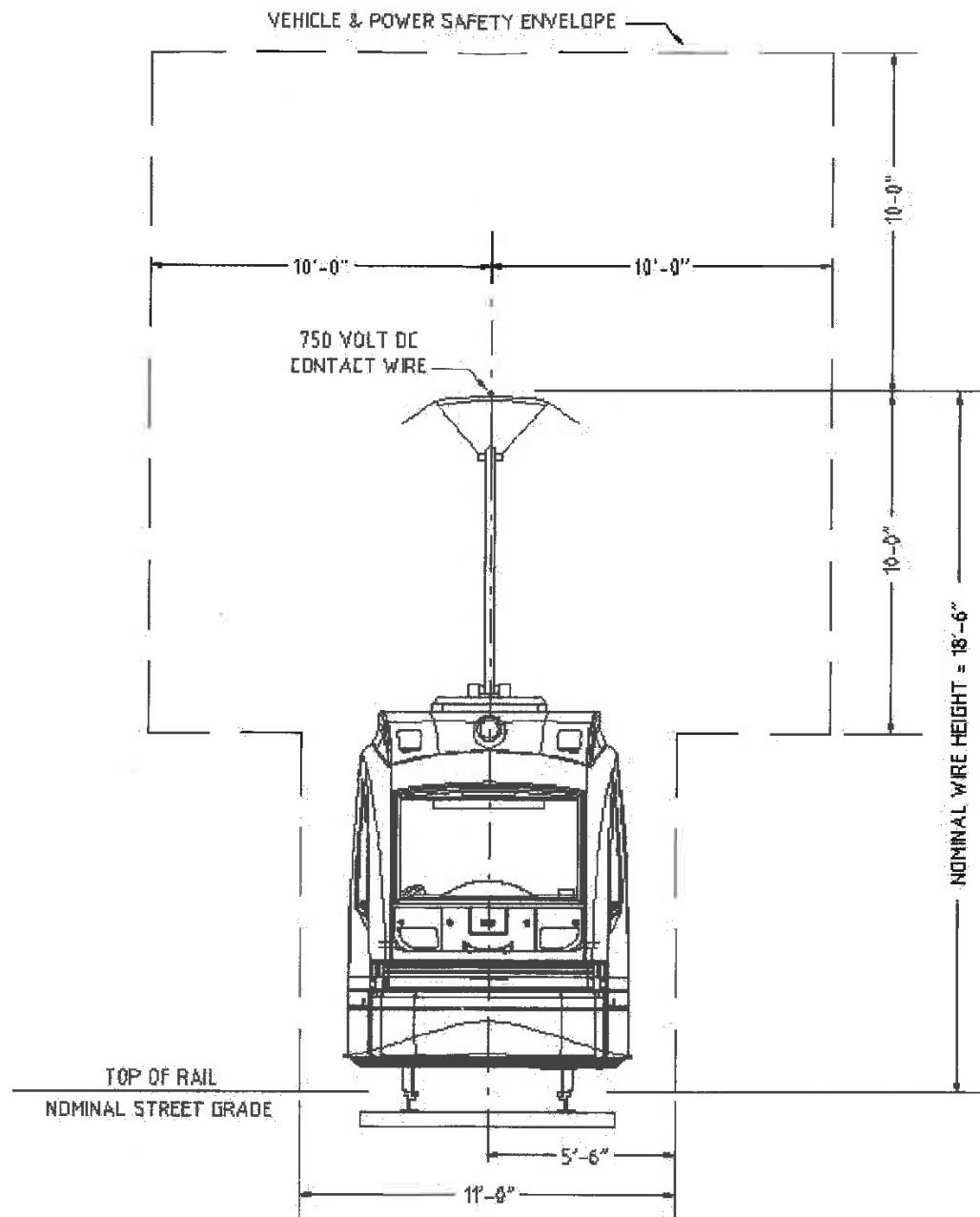


FIGURE 1 Vehicle and Power Envelope Diagram



**Next up,
SORTA/METRO talks about operations
Questions on construction?**

